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**ANNUAL REPORT  
OF  
PUBLIC HEALTH  
STATISTICS SECTION**

**PART I**

**COMMUNICABLE DISEASE  
MORBIDITY STATISTICS**

**1954**

**NORTH CAROLINA STATE BOARD OF HEALTH  
DIVISION OF EPIDEMIOLOGY**

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DIVISION OF EPIDEMIOLOGY**

**J. W. R. NORTON, M.D.  
SECRETARY  
AND STATE HEALTH OFFICER**



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## INTRODUCTION

Communicable disease morbidity statistics for North Carolina for 1954 are given in this bulletin as Part I of the Annual Report of the Public Health Statistics Section. This is the twenty-third year for which such a bulletin has been published. Natality and mortality data will be published as Part II later in the year.

This report differs considerably from previous reports in that historical data and detailed summaries for each disease have been omitted. Information on trends may be obtained by reference to the 1953 report. More detailed data than that published in this report have been tabulated and will be made available upon request.

A narrative summary of the reportable communicable disease situation in the state is given in the first part of this report. Following this are general summary tables showing the reported incidence of reportable communicable diseases in 1954 by county of residence, age, month of onset, sex and color. More detailed summaries are also given for certain selected diseases.

### Source of Data

These data were derived from report cards received from local physicians, health departments, and hospitals in North Carolina, and through interstate reciprocal notification of disease. Routinely all death certificates which list a reportable communicable disease as a cause of death are checked against the case report files. Case reports are then obtained for all previously unreported cases.

### Report Period

The data included in this report are for cases of communicable disease which had their onset in 1954 with the exception of amebiasis, tuberculosis and the venereal diseases which are according to date of report. Reports of all cases having their onset in 1954 and received during the period January 1, 1954 to January 31, 1955 and those with unknown date of onset received in 1954 are included. For those diseases tabulated by date of report, all reports received during 1954 are included, regardless of onset date.

### Residence

The cases included in this report with the exception of the venereal diseases are for residents of North Carolina and are allocated to county of residence of the patient. Venereal disease cases are allocated to county of report unless reported by

a hospital or institution; in which case they are assigned to the county of residence. Only those counties for which cases were reported are shown in the residence tables.

### Rates

All rates shown are per 100,000 population. A 10-year trend in morbidity rates for selected reportable communicable diseases is shown in table 4. Rates by sex and color for all reportable diseases are given in table 8.

### Population

Population estimates by color and sex for North Carolina, 1940-1954 and by color for each county for 1954 are given in tables 1 and 2.

Population estimates for 1940-1950 are those prepared by the U. S. Bureau of the Census. For the years 1951-1954, estimates were made in the Public Health Statistics Section. The arithmetic method was used for estimating the total population assuming the same average annual increase for the decade 1950 to 1960 as occurred between 1940 and 1950. Sex and color estimates were obtained by this same method.

### Discussion

The incidence of diphtheria reached the lowest on record in North Carolina in 1954 with 126 cases. This gives a case rate of 3.0 per 100,000 population. However, this rate, while an improvement for North Carolina, is still considerably above the average for the United States. In 1953, the last year for which complete data are available, the United States rate was 1.5.

Poliomyelitis cases showed a slight decrease over 1953. There were 732 cases in 1954 as compared with 926 in 1953. For 81 per cent of the reported cases the status was specified as being either paralytic or nonparalytic. The specified cases were equally divided between the paralytic and nonparalytic type of poliomyelitis.

The incidence of infectious hepatitis (jaundice) remains high. There were 807 cases reported with a case rate of 18.9 per 100,000 population. The true incidence of hepatitis is probably much higher than this since only those cases showing jaundice are ordinarily reported. The reported incidence is estimated at about 10 to 20 per cent of the actual incidence.

For the past nine years the incidence of reported cases of typhoid fever has remained at about the same level with an average of 50 cases reported annually.

Cases of malaria dropped from 48 in 1953 to 23 in 1954. All of these cases with the exception of two cases, one in Gaston and one in Pamlico Counties, were of military origin.

One case of human rabies was reported in 1954. This case was a seven year old Negro boy in Harnett County who died 48 days after being bitten by a dog. The patient's family was unwilling to accept the need for Pasteur prophylaxis despite vigorous urging on the part of the private physician. A case of leprosy was also reported from Cumberland County.

There were no cases of smallpox reported this year. With the exception of one case reported last year none has been reported since 1949.

Table 3 gives a summary of those diseases reportable in 1954 for all previous years.

#### Symbols Used in Tables

- Number or rate is zero
- + Disease was not reportable
- N.A. Data was not available
- 0.0 Rate is more than 0 but less than 0.05

TABLE 1.—ESTIMATED POPULATION BY COLOR: NORTH CAROLINA  
AND EACH COUNTY, JULY 1, 1954

Area	Population			Area	Population		
	Total	White	Non-white		Total	White	Non-white
NORTH CAROLINA .....	4,270,311	3,159,704	1,110,607				
Alamance .....	77,081	62,802	14,279	Gaston .....	120,738	104,879	15,859
Alexander .....	15,021	13,950	1,071	Gates .....	9,346	4,294	5,052
Alleghany .....	8,074	7,824	250	Graham .....	7,086	6,844	242
Anson .....	26,077	13,458	12,619	Granville .....	32,834	18,038	14,796
Ashe .....	21,542	21,348	194	Greene .....	17,807	9,281	8,526
Avery .....	13,263	13,084	179	Guilford .....	206,842	167,334	39,508
Beaufort .....	37,431	23,540	13,891	Halifax .....	59,167	25,746	33,427
Bertie .....	26,541	10,331	16,210	Harnett .....	49,037	36,433	12,604
Bladen .....	30,787	18,108	12,679	Haywood .....	38,834	38,029	805
Brunswick .....	20,135	12,578	7,557	Henderson .....	32,991	30,950	2,041
Buncombe .....	131,054	116,151	14,903	Hertford .....	22,346	8,884	13,462
Burke .....	48,450	44,951	3,499	Hoke .....	16,104	6,409	9,695
Cabarrus .....	65,649	55,907	9,742	Hyde .....	5,893	3,375	2,518
Caldwell .....	46,565	43,430	3,135	Iredell .....	58,802	48,625	10,177
Camden .....	5,131	3,205	1,926	Jackson .....	19,223	17,724	1,499
Carteret .....	25,086	22,092	2,994	Johnston .....	66,803	52,121	14,682
Caswell .....	21,227	10,951	10,276	Jones .....	11,038	5,960	5,078
Catawba .....	66,103	60,322	5,781	Lee .....	25,553	19,104	6,449
Chatham .....	25,677	17,438	8,239	Lenoir .....	47,967	27,292	20,675
Cherokee .....	18,073	17,714	359	Lincoln .....	28,849	25,291	3,558
Chowan .....	12,952	7,468	5,484	McDowell .....	26,876	25,601	1,275
Clay .....	5,836	5,774	62	Macon .....	16,297	15,983	314
Cleveland .....	67,034	52,443	14,591	Madison .....	19,672	19,492	180
Columbus .....	52,729	34,494	18,235	Martin .....	28,716	14,041	14,675
Craven .....	56,273	39,681	16,592	Mecklenburg .....	216,278	163,471	52,807
Cumberland .....	111,601	81,986	29,615	Mitchell .....	14,786	14,746	40
Currituck .....	5,984	4,155	1,829	Montgomery .....	17,676	13,629	4,047
Dare .....	5,133	4,792	341	Moore .....	34,047	25,338	8,709
Davidson .....	66,014	59,406	6,608	Nash .....	61,751	35,437	26,314
Davie .....	15,637	13,496	2,141	New Hanover .....	69,792	48,772	21,020
Duplin .....	41,639	26,026	15,613	Northampton .....	28,487	9,935	18,552
Durham .....	110,730	74,662	36,068	Onslow .....	52,294	44,838	7,456
Edgecombe .....	52,684	25,808	26,876	Orange .....	39,263	29,973	9,290
Forsyth .....	154,490	112,929	41,561	Pamlico .....	10,116	6,626	3,490
Franklin .....	31,749	16,917	14,832	Pasquotank .....	25,954	16,430	9,524

TABLE 1.—ESTIMATED POPULATION BY COLOR—*Continued*

Area	Population			Area	Population		
	Total	White	Non-white		Total	White	Nonwhite
Pender.....	18,725	9,536	9,189	Surry.....	47,212	44,571	2,641
Perquimans.....	9,526	5,001	4,525	Swain.....	8,960	7,410	1,550
Person.....	24,076	15,472	8,604	Transylvania.....	16,448	15,734	714
Pitt.....	64,869	35,174	29,695	Tyrrell.....	4,831	2,709	2,122
Polk.....	11,521	10,071	1,450	Union.....	43,284	33,672	9,612
Randolph.....	53,460	49,163	4,297	Vance.....	33,010	18,122	14,888
Richmond.....	40,783	28,785	11,998	Wake.....	147,882	106,480	41,402
Robeson.....	92,406	38,693	53,713	Warren.....	23,705	7,842	15,863
Rockingham.....	67,757	54,338	13,419	Washington.....	13,545	7,669	5,876
Rowan.....	78,045	65,215	12,830	Watauga.....	18,440	18,268	172
Rutherford.....	46,687	41,198	5,489	Wayne.....	66,792	38,894	27,898
Sampson.....	50,774	31,901	18,873	Wilkes.....	46,195	43,516	2,679
Scotland.....	27,654	14,991	12,663	Wilson.....	56,329	33,869	22,460
Stanly.....	38,957	34,589	4,368	Yadkin.....	22,762	21,694	1,068
Stokes.....	21,035	19,257	1,778	Yancey.....	15,924	15,730	194

TABLE 2.—ESTIMATED POPULATION BY COLOR AND SEX:  
NORTH CAROLINA, 1940-1954\*

Year	All Classes			White			Nonwhite		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
1940.....	3,571,623	1,772,990	1,798,633	2,567,637	1,281,762	1,285,873	1,003,988	491,228	512,760
1941.....	3,670,017	1,820,328	1,849,689	2,635,072	1,313,866	1,321,206	1,031,945	506,462	528,483
1942.....	3,665,373	1,803,364	1,862,009	2,631,738	1,301,208	1,330,530	1,033,635	502,156	531,479
1943.....	3,683,037	1,789,956	1,893,081	2,637,054	1,281,697	1,355,357	1,045,983	508,299	537,724
1944.....	3,594,865	1,703,966	1,890,899	2,573,923	1,211,469	1,362,454	1,020,942	492,497	528,445
1945.....	3,514,297	1,637,662	1,876,635	2,512,722	1,156,203	1,356,519	1,001,575	481,459	520,116
1946.....	3,640,645	1,780,275	1,860,370	2,606,702	1,277,866	1,328,836	1,033,943	502,409	531,534
1947.....	3,718,000	1,825,538	1,892,462	2,662,088	1,312,454	1,349,634	1,055,912	513,084	542,828
1948.....	3,798,000	1,864,818	1,933,182	2,719,368	1,340,694	1,378,674	1,078,632	524,124	554,508
1949.....	3,864,000	1,897,224	1,966,776	2,766,624	1,363,946	1,402,678	1,097,376	533,278	564,098
1950.....	4,061,929	2,017,105	2,044,824	2,983,121	1,489,840	1,493,281	1,078,808	527,265	551,543
1951.....	4,123,218	2,047,620	2,075,598	3,035,057	1,515,850	1,519,207	1,088,161	531,770	556,391
1952.....	4,172,249	2,072,032	2,100,217	3,076,606	1,536,658	1,539,948	1,095,643	535,374	560,269
1953.....	4,221,286	2,096,444	2,124,836	3,118,155	1,557,466	1,560,689	1,103,125	538,978	564,147
1954.....	4,270,311	2,120,856	2,149,455	3,159,703	1,578,274	1,581,430	1,110,607	542,582	568,025

\* 1940 and 1950 enumeration as of April 1; estimates as of July 1.

Source—1940-1950—Bureau of the Census.

1951-1954—Public Health Statistics Section.

TABLE 3.—CASES OF REPORTABLE COMMUNICABLE DISEASES BY

Disease	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929
Amebiasis.....	+	+	+	+	+	+	+	+	+	+	+	+
Anthrax.....	—	—	—	—	—	—	—	—	—	—	—	—
Botulism.....	+	+	+	+	+	+	+	+	+	+	+	+
Cholera.....	—	—	—	—	—	—	—	—	—	—	—	—
Dengue.....	+	+	+	+	+	+	+	+	+	+	+	+
Diphtheria.....	1,366	3,519	3,422	5,136	8,136	4,671	4,095	3,437	3,198	3,034	3,826	4,337
Encephalitis.....	+	+	+	+	+	+	+	+	+	+	+	+
Gastro-enteritis.....	+	+	+	+	+	+	+	+	+	+	+	+
Glanders.....	+	+	+	+	+	+	+	+	+	+	+	+
Infectious jaundice**.....	+	+	+	+	+	+	+	+	+	+	+	+
Leprosy.....	+	+	+	+	+	+	+	+	+	+	+	+
Leptospirosis.....	+	+	+	+	+	+	+	+	+	+	+	+
Malaria.....	+	+	+	+	+	+	+	+	+	+	+	+
Measles.....	9,158	5,725	3,621	11,539	2,042	52,066	34,938	1,002	7,952	32,882	60,543	1,209
Meningococcal infections.....	151	105	96	70	54	46	30	26	24	26	21	88
Paratyphoid fever.....	1	26	2	—	—	—	—	—	—	—	—	13
Plague.....	—	—	—	—	—	—	—	—	—	—	—	—
Poliomyelitis.....	23	42	25	36	30	16	16	79	112	24	51	133
Psittacosis.....	—	—	—	—	—	—	—	—	—	—	—	—
Q-fever.....	+	+	+	+	+	+	+	+	+	+	+	+
Rabies.....	—	—	—	—	—	—	—	—	—	—	—	2
Rocky Mountain spotted fever.....	—	—	—	—	—	—	—	—	—	—	—	—
Scarlet fever.....	864	1,512	1,663	2,585	3,153	2,418	2,255	1,856	2,281	2,638	2,828	3,057
Septic sore throat.....	127	371	218	199	281	150	143	104	92	127	104	141
Smallpox.....	983	2,322	2,961	2,513	1,409	3,352	3,845	1,920	1,594	1,702	2,419	589
Tetanus.....	+	+	+	+	+	+	+	+	+	+	+	+
Trachoma.....	20	16	15	5	12	18	5	32	3	2	3	2
Trichinosis.....	+	+	+	+	+	+	+	+	+	+	+	+
Tuberculosis, all forms.....	3,514	2,306	3,295	2,523	1,356	1,851	2,381	2,355	1,921	2,271	2,578	2,858
Tularemia.....	—	—	—	—	—	—	—	—	—	—	—	4
Typhoid fever.....	3,461	2,956	1,856	2,099	1,960	1,577	1,318	1,192	1,502	1,280	1,073	861
Typhus fever, murine.....	—	—	2	—	—	—	—	—	—	—	—	3
Typhus fever, European.....	—	—	—	—	—	—	—	—	—	—	—	—
Undulant fever.....	—	—	—	—	—	—	—	—	—	—	—	—
Whooping cough.....	11,645	5,669	8,465	9,518	6,905	16,075	12,945	4,296	11,099	19,996	5,002	12,434
Yellow fever.....	—	—	—	—	—	—	—	—	—	—	—	—
Venereal diseases.....	12	7,406	8,037	6,334	8,992	6,792	5,883	5,603	5,348	5,391	4,480	6,659
Gonorrhea.....	12	4,893	5,361	3,475	4,061	3,023	2,561	2,272	2,113	2,016	1,528	2,130
Ophthalmia neonatorum.....	12	33	27	19	16	15	5	8	6	5	6	12
Syphilis.....	+	2,084	2,213	2,637	4,671	3,559	3,153	3,161	3,044	3,224	2,846	4,457
Other venereal diseases.....	+	429	463	222	260	210	169	170	191	151	106	72
Chancroid.....	+	429	463	222	260	210	169	170	191	151	106	72
Granuloma inguinale.....	+	+	+	+	+	+	+	+	+	+	+	+
Lymphogranuloma venereum.....	+	+	+	+	+	+	+	+	+	+	+	+

\* 1918-1947 by year of report; 1948-1954 by year of onset, except amebiasis, tuberculosis and the venereal diseases which are by month of report.

\*\* Excludes leptospirosis.

## DISEASE AND YEAR OF REPORT\*: NORTH CAROLINA, 1918-1954

[illegible]



TABLE 3.—COMMUNICABLE DISEASES—*Continued*

Disease	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954
Amebiasis.....	21	19	18	29	91	132	96	44	31	17
Anthrax.....	—	—	—	—	—	—	—	—	1	—
Botulism.....	+	+	+	+	+	+	+	—	1	—
Cholera.....	—	—	—	—	—	—	—	—	—	—
Dengue.....	—	1	—	—	—	—	—	—	—	—
Diphtheria.....	1,475	590	751	485	550	499	373	202	130	126
Encephalitis.....	5	3	5	6	4	9	9	4	15	47
Gastro-enteritis.....	+	+	+	+	+	+	+	219	485	396
Glanders.....	—	—	—	—	—	—	—	—	—	—
Infectious jaundice**.....	+	+	+	+	+	+	+	675	1,142	807
Leprosy.....	1	—	—	—	—	—	—	1	1	1
Leptospirosis.....	+	+	+	+	+	+	+	—	1	10
Malaria.....	554	369	137	147	53	36	82	305	48	23
Measles.....	1,194	9,011	4,978	1,353	17,330	4,964	3,315	4,511	4,984	9,566
Meningococcal infections.....	179	120	95	73	87	116	151	197	189	179
Paratyphoid fever.....	5	6	7	13	8	7	5	4	14	16
Plague.....	—	—	—	—	—	—	—	—	—	—
Poliomyelitis.....	159	157	300	2,516	229	756	314	538	926	732
Psittacosis.....	—	1	—	—	—	—	—	—	—	11
Q-fever.....	+	+	+	+	+	+	+	—	—	—
Rabies.....	1	—	2	—	—	—	1	—	—	1
Rocky Mountain spotted fever.....	57	66	88	73	79	70	61	38	40	28
Scarlet fever.....	3,248	1,530	1,167	1,094	1,793	1,885	2,236	2,222	1,335	2,601
Septic sore throat.....	101	51	44	27	45	41	29	33	81	86
Smallpox.....	1	2	2	3	—	—	—	—	1	—
Tetanus.....	+	+	+	+	+	+	+	26	18	23
Trachoma.....	1	—	—	—	—	—	—	—	2	—
Trichinosis.....	+	+	+	+	+	+	+	1	2	—
Tuberculosis, all forms.....	3,392	3,466	3,591	3,274	3,402	3,653	3,105	2,326	2,001	2,013
Tularemia.....	27	45	74	46	38	25	17	19	15	18
Typhoid fever.....	82	54	47	56	53	58	44	41	47	54
Typhus fever, murine.....	159	82	51	43	26	12	19	12	8	9
Typhus fever, European.....	—	—	—	—	—	—	—	—	—	—
Undulant fever.....	15	9	21	16	25	21	28	21	5	3
Whooping cough.....	5,834	3,391	2,983	1,932	1,398	3,352	1,961	471	252	787
Yellow fever.....	—	—	—	—	—	—	—	—	—	—
Venereal diseases.....	22,040	26,082	23,643	22,930	23,399	20,514	20,251	19,960	19,992	18,608
Gonorrhea.....	13,162	16,082	14,169	14,962	16,173	14,930	15,779	15,895	15,958	14,947
Ophthalmia neonatorum.....	N.A.	6	7	3	11	8	9	14	7	14
Syphilis.....	8,125	9,233	8,724	7,313	6,699	5,146	4,080	3,709	3,682	3,353
Other venereal diseases.....	753	767	750	655	527	438	392	356	352	308
Chancroid.....	447	513	531	381	332	265	253	256	273	233
Granuloma inguinale.....	75	101	99	98	66	82	58	38	45	33
Lymphogranuloma venereum.....	231	153	120	176	129	91	81	62	34	42

\* 1918-1947 by year of report; 1948-1954 by year of onset, except amebiasis, tuberculosis and the venereal diseases, which are by year of report.

\*\* Excludes leptospirosis.



TABLE 4.—MORBIDITY RATES PER 100,000 POPULATION FOR SELECTED  
REPORTABLE COMMUNICABLE DISEASES BY DISEASE AND YEAR  
OF REPORT\*: NORTH CAROLINA, 1945-1954

Disease	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954
Amebiasis.....	0.6	0.5	0.5	0.8	2.4	3.2	2.3	1.1	0.7	0.4
Diphtheria.....	42.0	16.2	20.2	13.3	14.2	12.3	9.0	4.8	3.1	3.0
Gastro-enteritis.....	—	—	—	—	—	—	—	5.2	11.5	9.3
Infectious jaundice**.....	—	—	—	—	—	—	—	16.2	27.1	18.9
Malaria.....	15.8	10.1	3.7	3.9	1.4	0.9	2.0	7.3	1.1	0.5
Measles.....	34.0	247.5	133.9	30.9	448.5	122.2	80.4	108.1	118.1	224.0
Meningococcal infections.....	5.1	3.3	2.6	2.0	2.3	2.9	3.7	4.7	4.5	4.2
Poliomyelitis.....	4.5	4.3	8.1	65.8	5.9	18.6	7.6	12.9	21.9	17.1
Scarlet fever.....	92.4	42.0	31.4	28.9	46.4	46.4	54.2	53.3	31.6	60.9
Tuberculosis, all forms.....	96.5	95.2	96.6	86.2	88.0	89.9	75.3	55.7	47.4	47.1
Tularemia.....	0.8	1.2	2.0	1.1	1.0	0.6	0.4	0.5	0.4	0.4
Typhoid fever.....	2.3	1.5	1.3	1.6	1.4	1.4	1.1	1.0	1.1	1.3
Whooping cough.....	166.0	93.1	80.2	52.0	36.2	82.5	47.6	11.3	6.0	18.4
Venereal diseases										
Gonorrhea***.....	374.5	441.7	381.1	393.9	418.6	367.6	382.7	381.0	378.0	350.0
Syphilis.....	231.2	253.6	234.6	192.5	173.4	126.7	99.0	88.9	87.2	78.5
Other venereal diseases.....	21.4	21.1	20.2	17.2	13.6	10.8	9.5	8.5	8.3	7.2

\*1945-1947 by year of report; 1948-1954 by year of onset, except amebiasis, tuberculosis and the venereal diseases, which are by month of report.

\*\*Excludes leptospirosis.

\*\*\*Gonorrhea includes ophthalmia neonatorum.

TABLE 5.—CASES OF REPORTABLE COMMUNICABLE DISEASES BY

Disease	North Carolina	Alamance	Alexander	Alleghany	Anson
Amebiasis.....	17	1			1
Anthrax.....					
Botulism.....					
Cholera.....					
Dengue.....					
Diphtheria.....	126	1			
Encephalitis.....	47	1			
Gastro-enteritis.....	396	2	1		1
Glanders.....					
Infectious jaundice**.....	807	8	19	1	
Leprosy.....	1				
Leptospirosis.....	10				
Malaria***.....	2				
Measles.....	9,566	110	18	4	18
Meningococcal infections.....	179			1	1
Paratyphoid fever.....	16	1			
Plague.....					
Poliomyelitis.....	732	5	3	1	5
Psittacosis.....	11				
Q-fever.....					
Rabies.....	1				
Rocky Mountain spotted fever.....	28				
Scarlet fever.....	2,601	20	16	7	7
Septic sore throat.....	86				
Smallpox.....					
Tetanus.....	23				
Trachoma.....					
Trichinosis.....					
Tuberculosis, all forms.....	2,013	18	2	1	12
Tularemia.....	18	2			
Typhoid fever.....	54	1			
Typhus fever, murine.....	9				
Typhus fever, European.....					
Undulant fever.....	3				
Whooping cough.....	787	19	9		2
Yellow fever.....					
Venereal diseases.....	18,608	119	3	4	104
Gonorrhea.....	14,947	90	1	3	75
Ophthalmia neonatorum.....	14				
Syphilis.....	3,353	28	2		25
Other venereal diseases.....	308	1		1	4
Chancroid.....	233	1		1	2
Granuloma inguinale.....	33				
Lymphogranuloma venereum.....	42				2

\*Except venereal diseases which are by county of report.

\*\*Excludes leptospirosis.

\*\*\*Excludes 21 cases of military origin.

## DISEASE AND COUNTY OF RESIDENCE\*: NORTH CAROLINA, 1954

Ashe	Avery	Beaufort	Bertie	Bladen	Brunswick	Buncombe	Burke
				1			
						1	
1				1		1	1
		1	1	1	3	2	3
5						1	9
2		15	61	4	21	59	4
1		3	5			2	2
6	1	5	1	5	3	8	9
20	22	4	1	6	1	283	115
	2					3	
		2	1	1			
7	7	25	13	15	7	101	19
		2		8		1	
12		3		15		18	
	1	215	22	46	36	215	88
	1	122	10	28	20	184	74
		93	12	15	15	24	12
				3	1	7	2
				2	1	4	2
				1		3	

TABLE 5.—COMMUNICABLE

Disease	Cabarrus	Caldwell	Camden	Carteret	Caswell
Amebiasis.....					2
Anthrax.....					
Botulism.....					
Cholera.....					
Dengue.....					
Diphtheria.....	2	1			1
Encephalitis.....		1			
Gastro-enteritis.....	2	1			
Glanders.....					
Infectious jaundice**.....	3	83		1	1
Leprosy.....					
Leptospirosis.....					
Malaria***.....					
Measles.....	4	5	11	71	6
Meningococcal infections.....	1	3	1	1	1
Paratyphoid fever.....					
Plague.....					
Poliomyelitis.....	35	7		2	1
Psittacosis.....					
Q-fever.....					
Rabies.....					
Rocky Mountain spotted fever.....					1
Scarlet fever.....	23	72		3	9
Septic sore throat.....		7			
Smallpox.....					
Tetanus.....				1	
Trachoma.....					
Trichinosis.....					
Tuberculosis, all forms.....	16	14	2	16	5
Tularemia.....					
Typhoid fever.....				1	
Typhus fever, murine.....					
Typhus fever, European.....					
Undulant fever.....					
Whooping cough.....	6	1	5	10	
Yellow fever.....					
Veneral diseases.....	276	57		28	45
Gonorrhea.....	251	51		7	43
Ophthalmia neonatorum.....					
Syphilis.....	25	6		19	2
Other venereal diseases.....				2	
Chaneroid.....				2	
Granuloma inguinale.....					
Lymphogranuloma venereum.....					

\*Except venereal diseases which are by county of report.

\*\*Excludes leptospirosis.

\*\*\*Excludes 21 cases of military origin.

DISEASES—*Continued*

Catawba	Chatham	Cherokee	Chowan	Clay	Cleveland	Columbus	Craven
1							
1			1				
1	2					3	
2		2			1	1	5
2		11				5	1
5	57	6	4	4	99	3	60
1	1				3		
1							
19	5	2	1	20	19	3	9
					4		
203	1	4	9	2	48	1	
1					4	3	3
1							1
8	3	14	5	1	17	26	24
1			2		1	2	
	1				2		1
	2	5		2	11	20	9
110	8	6	18	1	149	309	471
104	4	6	4	1	131	192	429
						1	
6	4		14		16	116	28
					2	1	14
					1		14
					1	1	

TABLE 5.—COMMUNICABLE

Disease	Cumber- land	Currituck	Dare	Davidson	Davie
Amebiasis.....	1				
Anthrax.....					
Botulism.....					
Cholera.....					
Dengue.....					
Diphtheria.....					
Encephalitis.....	1			2	
Gastro-enteritis.....	132	1			1
Glanders.....					
Infectious jaundice**.....	52			5	1
Leprosy.....	1				
Leptospirosis.....					
Malaria***.....					
Measles.....	33	10		71	557
Meningococcal infections.....	2		1	3	
Paratyphoid fever.....					
Plague.....					
Poliomyelitis.....	21	1		1	1
Psittacosis.....					
Q-fever.....					
Rabies.....					
Rocky Mountain spotted fever.....					
Scarlet fever.....	16			44	4
Septic sore throat.....	2				
Smallpox.....					
Tetanus.....				1	
Trachoma.....					
Trichinosis.....					
Tuberculosis, all forms.....	50	2	4	31	8
Tularemia.....		1			
Typhoid fever.....	1				
Typhus fever, murine.....	1				
Typhus fever, European.....					
Undulant fever.....					
Whooping cough.....	6			18	12
Yellow fever.....					
Veneral diseases.....	2,221	39	2	9	15
Gonorrhea.....	2,086	27	2	1	3
Ophthalmia neonatorum.....					
Syphilis.....	106	12		8	12
Other venereal diseases.....	29				
Chancroid.....	20				
Granuloma inguinale.....	2				
Lymphogranuloma venereum.....	7				

\*Except venereal diseases which are by county of report.

\*\*Excludes leptospirosis.

\*\*\*Excludes 21 cases of military origin.

## DISEASES—Continued

Duplin	Durham	Edge- combe	Forsyth	Franklin	Gaston	Gates	Graham
		1					
3		4		1	8		
1	8	3	6			1	1
15	39	2	23	5	8		2
38	505	26	432	18	1		
3	7	1	1	1	149	25	2
					5		
	1	1		1			
5	28	10	8	2	42		
	2				3		
1			1	1	2	1	1
	48	5	411	1	66		
	5		3				
			1				
26	57	31	84	15	33	11	1
		2			1		
1		1		1			1
1	1						
1	9	2	20		36		
195	1,083	51	1,365	76	303	8	3
80	984	34	1,236	66	233	4	1
		1	2	1			
115	69	15	120	9	69	4	2
	30	2	9	1	1		
	23	2	5	1	1		
	1		4				
	6						

TABLE 5.—COMMUNICABLE

Disease	Granville	Greene	Guilford	Halifax	Harnett
Amebiasis.....					1
Anthrax.....					
Botulism.....					
Cholera.....					
Dengue.....					
Diphtheria.....	1			3	1
Encephalitis.....			2	2	
Gastro-enteritis.....		1	3	3	2
Glanders.....					
Infectious jaundice**.....	2	6	35	4	11
Leprosy.....					
Leptospirosis.....					
Malaria***.....					
Measles.....	116	8	427	81	156
Meningococcal infections.....	2	1	4	9	1
Paratyphoid fever.....			3		
Plague.....					
Poliomyelitis.....	1	3	24	7	4
Psittacosis.....					
Q-fever.....					
Rabies.....					1
Rocky Mountain spotted fever.....					1
Scarlet fever.....	2		153	25	10
Septic sore throat.....			1	1	
Smallpox.....					
Tetanus.....				1	
Trachoma.....					
Trichinosis.....					
Tuberculosis, all forms.....	15	7	52	66	16
Tularemia.....				1	
Typhoid fever.....	2		3		
Typhus fever, murine.....	2				
Typhus fever, European.....					
Undulant fever.....					
Whooping cough.....	45		36	11	4
Yellow fever.....					
Venereal diseases.....	164		805	145	313
Gonorrhea.....	146		625	50	256
Ophthalmia neonatorum.....					
Syphilis.....	17		170	93	47
Other venereal diseases.....	1		10	2	10
Chancroid.....			7	2	8
Granuloma inguinale.....			2		
Lymphogranuloma venereum.....	1		1		2

\*Except venereal diseases which are by county of report.

\*\*Excludes leptospirosis.

\*\*\*Excludes 21 cases of military origin.



## DISEASES—Continued

Haywood	Henderson	Hertford	Hoke	Hyde	Iredell	Jackson	Johnston
						1	
	23	1	1				1
			1		1		1
	1	1			4	1	1
	1				46	4	5
1							
73	18	8	4	7	71	3	26
3	1	1	1		2		8
2							
8	1		5		14	2	16
29	32	4	1		18	38	5
	1				1		
							1
16	9	21	26	3	24	12	30
		1	1		1	1	
		2					
1	4				20	3	3
11	109	20	128	15	81	10	61
8	70	6	119	13	29	8	16
3	39	14	7	2	52	2	45
			2				
			2				

TABLE 5.—COMMUNICABLE

Disease	Jones	Lee	Lenoir	Lincoln	McDowell
Amebiasis.....			1		
Anthrax.....					
Botulism.....					
Cholera.....					
Dengue.....					
Diphtheria.....	1		20		
Encephalitis.....			1		1
Gastro-enteritis.....		4	4	1	
Glanders.....					
Infectious jaundice**.....	2	11	5		
Leprosy.....					
Leptospirosis.....					
Malaria***.....					
Measles.....	2	75	11		22
Meningococcal infections.....	1		3		
Paratyphoid fever.....					
Plague.....					
Poliomyelitis.....		12	3	4	3
Psittacosis.....					
Q-fever.....					
Rabies.....					
Rocky Mountain spotted fever.....					
Scarlet fever.....		2	12	34	
Septic sore throat.....			2		
Smallpox.....					
Tetanus.....		1	1		
Trachoma.....					
Trichinosis.....					
Tuberculosis, all forms.....	4	14	41	1	16
Tularemia.....					
Typhoid fever.....	3				
Typhus fever, murine.....					
Typhus fever, European.....					
Undulant fever.....					
Whooping cough.....	3	5	3		
Yellow fever.....					
Venereal diseases.....	29	52	260	11	17
Gonorrhea.....	21	23	208	7	11
Ophthalmia neonatorum.....		1	2		
Syphilis.....	8	29	49	4	5
Other venereal diseases.....			3		1
Chancroid.....			2		1
Granuloma inguinale.....			1		
Lymphogranuloma venereum.....					

\*Except venereal diseases which are by county of report.

\*\*Excludes leptospirosis.

\*\*\*Excludes 21 cases of military origin.

## DISEASES—Continued

Macon	Madison	Martin	Mecklen- burg	Mitchell	Mont- gomery	Moore	Nash
1							
		4	3				3
			2	1			
		3	8		18	9	3
		8	35		15	1	13
		13	1,390	3	47	93	122
			10		3	1	1
			1				1
3	2	5	24	5	1	9	6
			2				1
8	26	2	115	24	4	12	2
						1	
		1					
4	6	38	78	8	7	23	39
						1	
			2				2
		1					
		1	177	2	2	2	1
3	14	133	2,162	7	28	67	399
	9	63	1,865	4	21	37	296
			4				
3	5	69	212	3	7	30	99
		1	85				4
			77				4
			6				
		1	2				

TABLE 5.—COMMUNICABLE

Disease	New Hanover	North- ampton	Onslow	Orange	Pamlico
Amebiasis.....	1				
Anthrax.....					
Botulism.....					
Cholera.....					
Dengue.....					
Diphtheria.....		1	1		
Encephalitis.....	4				
Gastro-enteritis.....	1		4	3	
Glanders.....					
Infectious jaundice**.....	13		2	3	4
Leprosy.....					
Leptospirosis.....					
Malaria***.....					1
Measles.....	87	10	309	148	1
Meningococcal infections.....	5	7	9		2
Paratyphoid fever.....					
Plague.....					
Polio-myelitis.....	31		17	7	3
Psittacosis.....					
Q-fever.....					
Rabies.....					
Rocky Mountain spotted fever.....		1		1	
Scarlet fever.....	28	1	12	1	3
Septic sore throat.....				1	
Smallpox.....					
Tetanus.....					1
Trachoma.....					
Trichinosis.....					
Tuberculosis, all forms.....	44	23	25	8	5
Tularemia.....		1			
Typhoid fever.....	1				
Typhus fever, murine.....					
Typhus fever, European.....					
Undulant fever.....					
Whooping cough.....	35	6	8	3	2
Yellow fever.....					
Veneral diseases.....	1,108	47	1,012	103	2
Gonorrhea.....	938	35	992	84	
Ophthalmia neonatorum.....					
Syphilis.....	129	12	17	18	2
Other venereal diseases.....	41		3	1	
Chaneroid.....	26		3	1	
Granuloma inguinale.....	5				
Lymphogranuloma venereum.....	10				

\*Except venereal diseases which are by county of report.

\*\*Excludes leptospirosis.

\*\*\*Excludes 21 cases of military origin.

## DISEASES—Continued

Pas- quotank	Pender	Per- quimans	Person	Pitt	Polk	Randolph	Richmond
1				4		2	2
	1		1				
	5			28		1	
7	31		2	15		5	1
				9			
207	1	56	21	959	5	21	9
			1	6		4	
3	3		1	10	1	3	6
	1					4	1
2	2	1		10	1	23	13
				1	2		
				1			1
10	6	5	20	52	6	10	15
			1				1
1				11		11	
267	52	45	91	711	2	44	36
170	36	42	76	415	1	35	15
				2			
96	15	3	15	290	1	9	21
1	1			6			
	1			3			
1				3			

TABLE 5.—COMMUNICABLE

Disease	Robeson	Rocking- ham	Rowan	Ruther- ford	Sampson
Amebiasis.....			1		1
Anthrax.....					
Botulism.....					
Cholera.....					
Dengue.....					
Diphtheria.....	2				1
Encephalitis.....	1		1		
Gastro-enteritis.....	5	1	3		1
Glanders.....					
Infectious jaundice**.....	10	5	62	3	1
Leprosy.....					
Leptospirosis.....					
Malaria***.....					
Measles.....	152	79	70	13	37
Meningococcal infections.....	4	3	4	4	3
Paratyphoid fever.....					
Plague.....					
Poliomyelitis.....	17	5	34	14	5
Psittacosis.....			1		
Q-fever.....					
Rabies.....					
Rocky Mountain spotted fever.....	2		2		
Scarlet fever.....	14	26	20	20	37
Septic sore throat.....				3	
Smallpox.....					
Tetanus.....	3		1		
Trachoma.....					
Trichinosis.....					
Tuberculosis, all forms.....	58	43	39	12	17
Tularemia.....					
Typhoid fever.....	5	2			1
Typhus fever, murine.....					1
Typhus fever, European.....					
Undulant fever.....					
Whooping cough.....	11		24	4	2
Yellow fever.....					
Venereal diseases.....	150	181	109	112	71
Gonorrhea.....	86	74	67	96	45
Ophthalmia neonatorum.....					
Syphilis.....	62	106	35	15	26
Other venereal diseases.....	2	1	7	1	
Chancroid.....	2	1	4	1	
Granuloma inguinale.....					
Lymphogranuloma venereum.....			3		

\*Except venereal diseases which are by county of report.

\*\*Excludes leptospirosis.

\*\*\*Excludes 21 cases of military origin.

## DISEASES—Continued

Scotland	Stanly	Stokes	Surry	Swain	Trans- sylvania	Tyrrell	Union
1					1		
	2	1	1		5		2
	2		1		1		
4	30		3	1			
	15	35	25			1	1
23	293	23	196		96	16	48
3	4		3				1
					1		
2	16	1	9		1		3
1		1					
4	31	22	27	9	5		1
	1						
23	31	5	25	2	5		9
3	9	4	1		1	6	3
167	44	3	133	3	5	21	85
133	37		125	2		18	57
30	7	3	8	1	5	3	28
4							
4							

TABLE 5.—COMMUNICABLE

Disease	Vance	Wake	Warren	Washing- ton	Watauga
Amebiasis.....					
Anthrax.....					
Botulism.....					
Cholera.....					
Dengue.....					
Diphtheria.....	1	3			
Encephalitis.....		5			
Gastro-enteritis.....	2	48	1		
Glanders.....					
Infectious jaundice**.....	3	31	2	4	7
Leprosy.....					
Leptospirosis.....					
Malaria***.....					
Measles.....	35	1,142	36	7	18
Meningococcal infections.....	2	2			
Paratyphoid fever.....	1				
Plague.....					
Poliomyelitis.....	1	56	1	1	3
Psittacosis.....		1			
Q-fever.....					
Rabies.....					
Rocky Mountain spotted fever.....		1			
Scarlet fever.....	3	68	3		127
Septic sore throat.....					4
Smallpox.....					
Tetanus.....		2			
Trachoma.....					
Trichinosis.....					
Tuberculosis, all forms.....	14	60	8	18	3
Tularemia.....		1	2		
Typhoid fever.....	1	2	3		
Typhus fever, murine.....					
Typhus fever, European.....					
Undulant fever.....					
Whooping cough.....	5	18	7		28
Yellow fever.....					
Venereal diseases.....	464	252	92	11	6
Gonorrhea.....	360	146	66	4	4
Ophthalmia neonatorum.....					
Syphilis.....	104	106	26	7	2
Other venereal diseases.....					
Chancroid.....					
Granuloma inguinale.....					
Lymphogranuloma venereum.....					

\*Except venereal diseases which are by county of report.

\*\*Excludes leptospirosis.

\*\*\*Excludes 21 cases of military origin.



DISEASES—*Continued*

Wayne	Wilkes	Wilson	Yadkin	Yancey
6	1	4		
		2		1
	1	3	1	
4	2	5	1	1
6	41	9	99	
3	1	4		1
1		1		
5	2	10	4	1
9	6	3	23	11
	1			39
40	14	36	2	13
			2	
1	2	5		
281	22	122	6	3
179	15	88	4	3
98	6	28	2	
4	1	6		
1	1	2		
1		1		
2		3		

TABLE 6.—CASES OF REPORTABLE COMMUNICABLE DISEASES

Disease	Total	January	February	March	April	May
Amebiasis.....	17	2		2		3
Anthrax.....						
Botulism.....						
Cholera.....						
Dengue.....						
Diphtheria.....	126	8	13	19	19	7
Encephalitis.....	47	1	5	6	4	8
Gastro-enteritis.....	396	11	17	43	26	40
Glanders.....						
Infectious jaundice**.....	807	129	123	133	103	57
Leprosy.....	1					1
Leptospirosis.....	10	4	2	2	2	
Malaria.....	23				5	1
Measles.....	9,566	1,090	1,924	2,471	1,935	1,261
Meningococcal infections.....	179	37	27	20	21	10
Paratyphoid fever.....	16			2	1	1
Plague.....						
Poliomyelitis.....	732	10	8	2	6	5
Psittacosis.....	11	2	3		1	1
Q-fever.....						
Rabies.....	1					
Rocky Mountain spotted fever.....	28				1	5
Scarlet fever.....	2,601	313	449	512	332	213
Septic sore throat.....	86	22	17	20	5	6
Smallpox.....						
Tetanus.....	23	3	2		2	2
Trachoma.....						
Trichinosis.....						
Tuberculosis, all forms.....	2,013	142	170	184	235	166
Tularemia.....	18	3			2	2
Typhoid fever.....	54	2	2	3	3	2
Typhus fever, murine.....	9		1		1	
Typhus fever, European.....						
Undulant fever.....	3					1
Whooping cough.....	787	54	63	55	71	42
Yellow fever.....						
Venereal diseases.....	18,608	1,663	1,349	1,665	1,520	1,499
Gonorrhea.....	14,947	1,381	1,045	1,284	1,158	1,249
Ophthalmia neonatorum.....	14	3			2	
Syphilis.....	3,353	249	279	346	337	233
Other venereal diseases.....	308	33	25	35	25	17
Chancroid.....	233	23	19	31	15	14
Granuloma inguinale.....	33	3	3	3	4	
Lymphogranuloma venereum.....	42	7	3	1	6	3

\*Except amebiasis, tuberculosis and the venereal diseases which are by month of report.

\*\*Excludes leptospirosis.

## BY DISEASE AND MONTH OF ONSET\*: NORTH CAROLINA, 1954

June	July	August	September	October	November	December	Not Stated
3		3		2		2	
3	2	5	18	15	4	13	
6	4	3		1	6	3	
27	38	43	38	46	32	33	2
39	57	39	30	36	29	23	9
3	8	3		1			2
552	71	25	15	8	16	38	160
8	6	6	6	11	16	10	1
1	7	1		2		1	
39	195	228	149	68	14	8	
	2			1		1	
				1			
9	6	5	1				1
82	24	38	87	122	202	215	12
2				4	6	4	
1	3	1	5	2	1	1	
154	180	185	145	168	130	154	
2	2		2		1	4	
3	4	14	2	12	4	3	
4	1	1				1	
					1	1	
60	103	103	60	66	64	37	9
1,695	1,618	1,793	1,573	1,486	1,372	1,375	
1,352	1,314	1,454	1,307	1,183	1,066	1,154	
1			1	2	2	3	
312	277	320	240	284	279	197	
31	27	19	26	19	27	24	
26	22	15	21	14	18	15	
3	3	1	4	3	4	2	
2	2	3	1	2	5	7	



[illegible]

\* Excludes leptospirosis.



[illegible]

\* Excludes leptospirosis.





[illegible]







[illegible]



TABLE 11.—CASES OF INFECTIOUS JAUNDICE\* BY COUNTY OF RESIDENCE, TYPE AND COLOR: NORTH CAROLINA, 1954

Area	All Types				Infectious Hepatitis				Serum Hepatitis			
	Total	White	Non-white	Not Stated	Total	White	Non-white	Not Stated	Total	White	Non-white	Not Stated
North Carolina.....	807	738	59	10	798	730	58	10	9	8	1	-----
Alamance.....	8	7	1	-----	7	6	1	-----	1	1	-----	-----
Alexander.....	19	19	-----	-----	19	19	-----	-----	-----	-----	-----	-----
Alleghany.....	1	1	-----	-----	1	1	-----	-----	-----	-----	-----	-----
Ashe.....	5	5	-----	-----	5	5	-----	-----	-----	-----	-----	-----
Buncombe.....	1	1	-----	-----	1	1	-----	-----	-----	-----	-----	-----
Burke.....	9	8	1	-----	9	8	1	-----	-----	-----	-----	-----
Cabarrus.....	3	3	-----	-----	3	3	-----	-----	-----	-----	-----	-----
Caldwell.....	83	82	-----	1	83	82	-----	1	-----	-----	-----	-----
Carteret.....	1	1	-----	-----	1	1	-----	-----	-----	-----	-----	-----
Caswell.....	1	-----	1	-----	1	-----	1	-----	-----	-----	-----	-----
Catawba.....	2	2	-----	-----	2	2	-----	-----	-----	-----	-----	-----
Cherokee.....	11	11	-----	-----	11	11	-----	-----	-----	-----	-----	-----
Columbus.....	5	4	1	-----	5	4	1	-----	-----	-----	-----	-----
Craven.....	1	1	-----	-----	1	1	-----	-----	-----	-----	-----	-----
Cumberland.....	52	47	5	-----	52	47	5	-----	-----	-----	-----	-----
Davidson.....	5	5	-----	-----	5	5	-----	-----	-----	-----	-----	-----
Davie.....	1	1	-----	-----	1	1	-----	-----	-----	-----	-----	-----
Duplin.....	15	14	1	-----	15	14	1	-----	-----	-----	-----	-----
Durham.....	39	36	3	-----	38	35	3	-----	1	1	-----	-----
Edgecombe.....	2	2	-----	-----	2	2	-----	-----	-----	-----	-----	-----
Forsyth.....	23	22	1	-----	22	21	1	-----	1	1	-----	-----
Franklin.....	5	4	1	-----	5	4	1	-----	-----	-----	-----	-----
Gaston.....	8	8	-----	-----	8	8	-----	-----	-----	-----	-----	-----
Graham.....	2	2	-----	-----	2	2	-----	-----	-----	-----	-----	-----
Granville.....	2	-----	2	-----	2	-----	2	-----	-----	-----	-----	-----
Greene.....	6	5	1	-----	6	5	1	-----	-----	-----	-----	-----
Guilford.....	35	32	3	-----	35	32	3	-----	-----	-----	-----	-----
Halifax.....	4	4	-----	-----	4	4	-----	-----	-----	-----	-----	-----
Harnett.....	11	10	1	-----	11	10	1	-----	-----	-----	-----	-----
Henderson.....	1	-----	1	-----	1	-----	1	-----	-----	-----	-----	-----
Iredell.....	46	43	3	-----	46	43	3	-----	-----	-----	-----	-----
Jackson.....	4	4	-----	-----	4	4	-----	-----	-----	-----	-----	-----
Johnston.....	5	5	-----	-----	5	5	-----	-----	-----	-----	-----	-----
Jones.....	2	2	-----	-----	2	2	-----	-----	-----	-----	-----	-----
Lee.....	11	9	-----	2	11	9	-----	2	-----	-----	-----	-----

TABLE 11.—INFECTIOUS JAUNDICE—*Continued*

Area	All Types				Infectious Hepatitis				Serum Hepatitis			
	Total	White	Non-white	Not Stated	Total	White	Non-white	Not Stated	Total	White	Non-white	Not Stated
Lenoir.....	5	5			5	5						
Martin.....	8	6	2		7	6	1		1		1	
Mecklenburg.....	35	35			35	35						
Montgomery.....	15	14	1		15	14	1					
Moore.....	1	1			1	1						
Nash.....	13	13			12	12			1	1		
New Hanover.....	13	13			13	13						
Onslow.....	2	1	1		2	1	1					
Orange.....	3	3			2	2			1	1		
Pamlico.....	4	3		1	4	3		1				
Pasquotank.....	7	3	4		7	3	4					
Pender.....	31	26	5		31	26	5					
Person.....	2	1	1		2	1	1					
Pitt.....	15	13	2		15	13	2					
Randolph.....	5	4		1	5	4		1				
Richmond.....	1		1		1		1					
Robeson.....	10	4	6		10	4	6					
Rockingham.....	5	4		1	5	4		1				
Rowan.....	62	56	4	2	62	56	4	2				
Rutherford.....	3	3			3	3						
Sampson.....	1	1			1	1						
Stanly.....	15	15			14	14			1	1		
Stokes.....	35	33	1	1	35	33	1	1				
Surry.....	25	25			25	25						
Tyrrell.....	1	1			1	1						
Union.....	1	1			1	1						
Vance.....	3	3			2	2			1	1		
Wake.....	31	27	3	1	30	26	3	1	1	1		
Warren.....	2		2		2		2					
Washington.....	4	4			4	4						
Watauga.....	7	7			7	7						
Wayne.....	4	4			4	4						
Wilkes.....	2	2			2	2						
Wilson.....	5	5			5	5						
Yadkin.....	1	1			1	1						
Yancey.....	1	1			1	1						

\* Excludes leptospirosis.



TABLE 12.—CASES OF POLIOMYELITIS BY COUNTY OF RESIDENCE, COLOR, PARALYTIC STATUS, AND MONTH OF ONSET: NORTH CAROLINA, 1954

Area	Color			Paralytic Status			Month of Onset												Not Stated	
	Total	White	Non-white	Not Stated	Paralytic	Non-paralytic	Not Stated	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.		Dec.
North Carolina	732	657	75		297	296	139	10	8	2	6	5	39	195	228	149	68	14	8	
Alamance	5	5			1		4							1	2	1				
Alexander	3	3			1	2									1	1	1			
Alleghany	1	1			1										1					
Anson	5	4	1				5								3	2				
Ashe	6	6			1		5							2	1	3				
Avery	1	1			1														1	
Beaufort	5	5			5										2	2	1			
Bertie	1	1				1									1					
Bladen	5	4	1		2	2	1						1	3		1				
Brunswick	3	3			3										2	1				
Buncombe	8	8			1	7								7	1					
Burke	9	9			1	7	1		1					3	2	2	1			
Cabarrus	35	26	9		22	8	5							8	15	9	2	1		
Caldwell	7	7			2	5							1	3	1	2				
Carteret	2	2			1	1										1	1			
Caswell	1		1			1									1					
Catawba	19	18	1		4	13	2				1			3	11	2	2			
Chatham	5	5			3	1	1			1					1	1	1			
Cherokee	2	2			1	1					1									
Chowan	1	1					1									1				

TABLE 12.—POLIOMYELITIS—Continued

Area	Color				Paralytic Status			Month of Onset												Not Stated
	Total	White	Non-white	Not Stated	Paralytic	Non-paralytic	Not Stated	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Clay..... Cleveland..... Columbus..... Craven..... Cumberland.....	20	20			8	12									8	9	3			
	19	18	1		2	17								3	11	2	3			
	3	2	1				1	1												
	9	7	2		4	1	4					1	1	5	2					
	21	18	3		11	2	8						1	3	2	2	4	7	2	
Currituck..... Davidson..... David..... Duplin..... Durham.....	1	1			1												1			
	1	1				1		1								1				
	1	1					1													
	5	4	1		4		1							2	2		1			
	28	26	2		6	19	3						3	8	8	5	4			
Edgecombe..... Forsyth..... Franklin..... Gaston..... Granville.....	10	9	1		3	6	1								1	4	3	1	1	
	8	8			1	4	3						2	1	3	1	1			
	2	2				2								1		1				
	42	35	7		21	8	13	1			1			3	13	12	5	3	4	
	1	1				1									1					
Greene..... Guilford..... Hallix..... Harnett..... Waywood.....	3	3			2		1								1	1			1	
	24	24			5	2	17		1			1	1	6	6	7	1		1	
	7	6	1		3	4										1	5	1		
	4	4			2	2								2	2					
	8	8			5	3									2	2	4		1	



TABLE 12.—POLIOMYELITIS—Continued

Area	Color				Paralytic Status			Month of Onset												Not Stated
	Total	White	Non-white	Not Stated	Paralytic	Non-para.	Not Stated	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Rowan	34	31	3		20	7	7							1	10	12	9	1	1	
Rutherford	14	13	1		3	9	2							1	6	4	3			
Sampson	5	4	1		4	1								1	1	2	1			
Scotland	2	1	1		2							1								1
Stanly	16	16			3	6	7								6	3	5	1	1	
Stokes	1	1				1														
Surry	9	8	1		7	2			1						5	2	1	1		
Transylvania	1		1			1										1				
Union	3	3			1		2				1				2					
Vance	1	1			1										1					
Wake	56	54	2		16	37	3		1					2	20	19	8	5		1
Warren	1	1			1										1					
Washington	1		1		1	1										1				
Watauga	3	3			1	2										2	1			
Wayne	5	4	1		3	2									2	1	2			
Wilkes	2	2															2			
Wilson	10	9	1		10									2	5	2		1		
Yadkin	4	4			2	2										1	2	1		
Yancey	1	1			1													1		



TABLE 13.—SYPHILIS—Continued

Area	Diagnosed Cases												Epidemiologic Treatment							
	All Stages				Primary-Secondary				Early Latent				Other Acquired				Congenital			
	Total	White	Non-white	White		Nonwhite		White		Nonwhite		White		Nonwhite		White		Nonwhite		
				M	F	M	F	M	F	M	F	M	F	M	F	M	F			
Cumberland.....	106	17	89	6	13	7	4	2	14	21	5	11	19	1	3	1	9	16		
Currituck.....	12		12						2	3		4	3							
Davidson.....	8	5	3								4	1	2		1					
Davie.....	12	1	11		1	1		1		2		3	1		2	1				
Duplin.....	115	4	111		2	1	1	1	12	20	1	2	33	36		3	4	1		
Durham.....	69	3	66		1			1	7	8	2		19	26		1	4	1	3	
Edgecombe.....	15	1	14			2	1	1	5	5			2					3	3	
Forsyth.....	120	8	112		1	1	1	1	11	17	3	2	42	35		1	4	3	1	
Franklin.....	9	2	7		1						1		1	4				11	8	
Gaston.....	69	21	48	1	3	1	7		4	22	8	4	6	11		1	1		1	
Gates.....	4		4			1				2			1						1	
Graham.....	2	2					1	1												
Granville.....	17	5	12						2	1	2	3	4	5						
Guilford.....	170	16	154	1	27	22	4	2	23	22	8		29	29		1	1	2	25	
Halifax.....	93	4	89		12	11	1	1	16	32	2		6	10		1	1	21	12	
Harnett.....	47	3	44		2	2	4		8	12	1		9	8		1		1	1	
Haywood.....	3	3		1					1							1				
Henderson.....	39	7	32				1	1	2	4	13	1	3	8						
Hertford.....	14		14		1	3			2	3			5					1		
Hoke.....	7	1	6			2				3			1			1		1	8	
Hyde.....	2		2										1							
Iredell.....	52	4	48	1	1	2	1		1	6	15		1	9		2		1		

[illegible]





TABLE 14.—CASES OF PREVIOUSLY UNTREATED SYPHILIS BY STAGE, COLOR AND SEX WITH RATES PER 100,000 POPULATION:  
NORTH CAROLINA, 1940, 1950 AND 1954

Year	Stage	All Classes						White						Nonwhite					
		Total			Male			Female			Total			Male			Female		
		No.	Rate		No.	Rate		No.	Rate		No.	Rate		No.	Rate		No.	Rate	
1940	All Stages.....	21,225	594.3		9,528	537.4		11,697	650.3		2,756	107.3		1,454	113.4		1,302	101.3	
	Primary-Secondary.....	2,611	73.1		1,307	73.7		1,304	72.5		504	19.6		280	21.8		224	17.4	
	Early Latent.....	9,436	264.2		3,766	212.4		5,670	315.2		986	38.4		467	36.4		519	40.4	
	Other Acquired.....	8,143	228.6		4,009	226.1		4,134	229.8		1,104	43.6		632	49.3		472	36.7	
	Congenital.....	1,035	29.0		446	25.2		589	32.7		102	6.3		75	5.9		87	6.8	
1950	All Stages.....	5,146	126.7		2,258	111.9		2,888	141.2		498	10.7		232	16.9		246	16.5	
	Primary-Secondary.....	1,187	29.2		590	29.2		597	29.2		183	5.5		99	6.6		64	4.3	
	Early Latent.....	2,457	60.5		922	45.7		1,535	75.1		168	5.6		68	4.6		100	6.7	
	Other Acquired.....	1,170	28.8		505	29.5		575	28.1		139	4.7		74	5.0		65	4.4	
	Congenital.....	332	8.2		151	7.5		181	8.9		28	6.9		11	0.7		17	1.1	
1954	All Stages.....	3,353	78.5		1,579	74.5		1,774	82.5		334	10.3		211	13.4		113	7.1	
	Primary-Secondary.....	347	8.1		178	8.4		169	7.9		38	1.2		29	1.8		9	0.6	
	Early Latent.....	1,068	25.0		438	20.7		630	29.3		82	2.6		52	3.3		30	1.9	
	Other Acquired.....	1,765	39.9		869	41.0		836	38.9		188	5.9		127	8.0		61	3.9	
	Congenital.....	233	5.5		94	4.4		139	6.5		16	0.5		3	0.2		13	0.8	

TABLE 15.—CASES OF PREVIOUSLY UNTREATED CONGENITAL  
NORTH CAROLINA,

Year of Birth	Year of											
	1947-1954			1954			1953			1952		
	Total	White	Non-white	Total	White	Non-white	Total	White	Non-white	Total	White	Non-white
1954.....	10	-----	10	10	-----	10	-----	-----	-----	-----	-----	-----
1953.....	26	2	18	1	-----	1	19	2	17	-----	-----	-----
1952.....	27	-----	27	4	-----	4	1	-----	1	22	-----	22
1951.....	40	9	31	1	-----	1	2	-----	2	5	-----	5
1950.....	59	3	56	2	-----	2	1	-----	1	3	1	2
1949.....	85	13	72	2	-----	2	3	-----	3	3	-----	3
1948.....	132	13	119	1	-----	1	1	-----	1	2	-----	2
1947.....	150	15	135	8	-----	8	4	-----	4	3	-----	3
1946.....	64	5	59	1	-----	1	5	-----	5	5	-----	5
1945.....	59	6	53	7	-----	7	5	1	4	8	1	7
1944.....	78	7	71	6	-----	6	7	2	5	17	1	16
1943.....	69	8	61	9	-----	9	8	1	7	10	3	7
1942.....	82	6	76	4	-----	4	18	2	16	13	-----	13
1941.....	102	13	89	14	1	13	15	2	13	14	-----	14
1940.....	138	13	125	19	1	18	21	2	19	27	2	25
1939.....	158	11	147	27	1	26	36	1	35	26	2	24
1938.....	180	15	165	19	2	17	33	1	32	35	1	34
1937.....	204	19	185	25	1	24	28	2	26	36	1	35
1936.....	191	22	169	9	3	6	28	3	25	42	3	39
1935.....	168	23	145	8	-----	8	16	2	14	25	4	21
1934.....	187	20	167	11	1	10	29	5	24	15	1	14
1933.....	133	17	116	2	-----	2	20	3	17	10	-----	16
1932.....	113	11	102	5	-----	5	9	1	8	4	-----	4
1931.....	99	11	88	5	-----	5	6	1	5	6	1	5
1930.....	61	3	58	3	-----	3	4	-----	4	3	-----	3
1929.....	41	4	37	2	-----	2	5	2	3	3	-----	3
1928.....	29	5	24	4	-----	4	5	2	3	1	-----	1
1927.....	17	3	14	1	-----	1	4	2	2	3	-----	3
1926.....	18	2	16	4	1	3	1	-----	1	1	-----	1
1925.....	17	1	16	2	-----	2	2	-----	2	1	-----	1
Prior to 1925	88	21	67	16	4	12	9	2	7	7	3	4
Total.....	2819	301	2518	232	15	217	345	39	306	350	24	326

SYPHILIS BY YEAR OF BIRTH, YEAR OF REPORT, AND COLOR:  
1947-1954

Report

1951			1950			1949			1948			1947		
Total	White	Non-white	Total	White	Non-white	Total	White	Non-white	Total	White	Non-white	Total	White	Non-white
32	9	23												
3		3	50	2	48									
9	2	7	6		6	62	11	51						
11	2	9	8	1	7	27	2	25	82	8	74			
7		7	12		12	10		10	20	1	19	86	14	72
13	2	11	6	1	5	5	1	4	8		8	21	1	20
11	1	16	6	1	5	7	1	6	10	1	9	5		5
12		12	9		9	10	2	8	6	1	5	11	1	10
9	1	8	7		7	11	1	10	9	2	7	6		6
9	1	8	8	1	7	11		11	13	2	11	6		6
18	1	17	13	4	9	11	2	9	9	3	6	8		8
20	3	17	14	1	13	17	2	15	8		8	12	2	10
24	4	20	19		19	11	1	10	9	1	8	6	1	5
40	2	38	13	1	12	13	2	11	15	4	11	12	2	10
31		31	19	3	16	28	3	25	16	4	12	21	5	16
39	4	35	17		17	21	2	19	10	2	8	25	5	20
22	4	18	31	1	30	32	5	27	20	2	18	14	5	9
32	3	29	21	3	18	32		32	23	1	22	24	6	18
18	2	16	23	4	19	20	2	18	25	3	22	15	3	12
20	1	19	17	1	16	20	2	18	17	2	15	21	4	17
13	2	11	10		10	24		24	12	3	9	23	4	19
7	2	5	4		4	16		16	11	1	10	13		13
1		1	3		3	3	1	2	8		8	16	1	15
5		5	4	1	3	1		1	3		3	6	2	4
2		2	1		1	3	1	2	1		1	2		2
1		1	1		1	5		5	2		2	3	1	2
2		2	1		1	6	1	5	3		3			
6		6	9	3	6	11	1	10	16	5	11	14	3	11
417	46	371	332	28	304	417	43	374	356	46	310	370	60	310

TABLE 16.—CASES OF TUBERCULOSIS, ALL FORMS, BY COUNTY OF

Area	All Forms			Nonpulmonary			All Stages		
	Total	White	Non-white	Total	White	Non-white	Total	White	Non-white
North Carolina.....	2,013	1,088	925	156	57	99	1,857	1,631	826
Alamance.....	18	14	4	3	3		15	11	4
Alexander.....	2	2					2	2	
Alleghany.....	1	1					1	1	
Anson.....	12	3	9				12	3	9
Ashe.....	7	7		2	2		5	5	
Avery.....	7	7		1	1		6	6	
Beaufort.....	25	10	15	2	1	1	23	9	14
Bertie.....	13	2	11	4		4	9	2	7
Bladen.....	15	3	12	4	1	3	11	2	9
Brunswick.....	7	4	3	2	1	1	5	3	2
Buncombe.....	101	80	21	5	2	3	96	78	18
Burke.....	19	15	4				19	15	4
Cabarrus.....	16	10	6	1	1		15	9	6
Caldwell.....	14	12	2				14	12	2
Camden.....	2		2				2		2
Carters.....	16	13	3	1	1		15	12	3
Caswell.....	5	2	3	1		1	4	2	2
Catawba.....	8	7	1	1	1		7	6	1
Chatham.....	3	3					3	3	
Cherokee.....	14	14		1	1		13	13	
Chowan.....	5	1	4	1		1	4	1	3
Clay.....	1	1					1	1	
Cleveland.....	17	11	6	4	3	1	13	8	5
Columbus.....	26	9	17	2		2	24	9	15
Craven.....	24	9	15				24	9	15
Cumberland.....	50	24	26	6	4	2	44	20	24
Currituck.....	2	1	1				2	1	1
Dare.....	4	2	2	1	1		3	1	2
Davidson.....	31	23	8	1	1		30	22	8
Davie.....	8	4	4				8	4	4
Duplin.....	26	11	15	1	1		25	10	15
Durham.....	57	23	34	6	1	5	51	22	29
Edgecombe.....	31	12	19	3		3	28	12	16
Forsyth.....	84	45	39	5		5	79	45	34
Franklin.....	15	3	12				15	3	12
Gaston.....	33	22	11	1	1		32	21	11
Gates.....	11	7	4				11	7	4
Graham.....	1	1					1	1	



TABLE 16.—

Area	All Forms			Nonpulmonary			All Stages		
	Total	White	Non-white	Total	White	Non-white	Total	White	Non-white
Granville.....	15	4	11	3	1	2	12	3	9
Greene.....	7	1	6	2		2	5	1	4
Guilford.....	52	31	21	3	1	2	49	30	19
Halifax.....	66	22	44	5		5	61	22	39
Harnett.....	16	10	6	2		2	14	10	4
Haywood.....	16	16		1	1		15	15	
Henderson.....	9	7	2	1		1	8	7	1
Hertford.....	21	6	15	1		1	20	6	14
Hoke.....	26	9	17	2	1	1	24	8	16
Hyde.....	3	3					3	3	
Iredell.....	24	12	12	2	1	1	22	11	11
Jackson.....	12	9	3	1	1		11	8	3
Johnston.....	30	17	13	2	1	1	28	16	12
Jones.....	4	2	2	1	1		3	1	2
Lee.....	14	7	7				14	7	7
Lenoir.....	41	14	27	3	1	2	38	13	25
Lincoln.....	1		1				1		1
McDowell.....	16	15	1				16	15	1
Macon.....	4	4					4	4	
Madison.....	6	5	1				6	5	1
Martin.....	38	8	30	3		3	35	8	27
Mecklenburg.....	78	42	36	6	2	4	72	40	32
Mitchell.....	8	8		1	1		7	7	
Montgomery.....	7	6	1				7	6	1
Moore.....	23	16	7	2	2		21	14	7
Nash.....	39	15	24	4	1	3	35	14	21
New Hanover.....	44	19	25	3		3	41	19	22
Northampton.....	23	9	14	2		2	21	9	12
Onslow.....	25	16	9	2	1	1	23	15	8
Orange.....	8	4	4				8	4	4
Pamlico.....	5	3	2	1	1		4	2	2
Pasquotank.....	10	5	5	1		1	9	5	4
Pender.....	6	2	4	1		1	5	2	3
Perquimans.....	5	3	2				5	3	2
Person.....	20	7	13	5		5	15	7	8
Pitt.....	52	16	36	2	1	1	50	15	35
Polk.....	6	3	3				6	3	3
Randolph.....	10	8	2				10	8	2
Richmond.....	15	5	10	2		2	13	5	8

## TUBERCULOSIS—Continued

## Pulmonary

Primary Active		Reinfection											
White	Non-white	Active						Inactive				Other	
		Minimal		Moderately Advanced		Far Advanced		Moderately Advanced		Far Advanced			
		White	Non-white	White	Non-white	White	Non-white	White	Non-white	White	Non-white	White	Non-white
			2	2	2		4				1	1	
					1		2					1	1
4	1	5	2	12	4	5	10	2		1		1	2
	2	5	5	14	14	3	18						
1	1	2		2	1	2	2	1				2	
		5		3		7							
		1		2	1	2		1		1			
	1			5	4	1	8						1
	2	1		1	6	1	4	3	2		2	1	
				2		1							
		3	2	3	4	5	3						2
		4		1		3	3						
1	4	1	2	7	1	6	5	1					
							2			1			
1	1			3	1		3	3	2				
	1	2	1	5	10	5	12	1					1
							1						
		1		1		4		8	1			1	
				2		2							
				3		2	1						
1	1	1	2	4	14	1	6	1	1		1		2
2	1	6	4	17	12	10	15	3				2	
		1		2		4							
		1		2	1	3							
		1	1	4	1	4	3	2	1	3	1		
1		3	2	3	5	5	11	1		1	1		2
1	2	1	4	7	5	6	7	3	2	1	1		1
		1	1	4	4	1	6	2			1	1	
3		2		7	3	2	4			1	1		
1						1	3	1	1	1			
				1			2			1			
				4	1	1	2				1		
				1	2	1	1						
		1		1	1	1	1						
1		1	1	1	2	1	4	3					1
2	2	2	2	6	14	3	12	2	1		1		3
1					3	2							
		1		3	1	3	1	1					
		2		2	2		3					1	

TABLE 16.—

Area	All Forms			Nonpalmonary			All Stages		
	Total	White	Non-white	Total	White	Non-white	Total	White	Non-white
Robeson.....	58	21	37	2	1	1	56	20	36
Rockingham.....	43	27	16	3	1	2	40	26	14
Rowan.....	39	28	11	3	1	2	36	27	9
Rutherford.....	12	8	4	-----	-----	-----	12	8	4
Sampson.....	17	7	10	2	-----	2	15	7	8
Seotland.....	23	16	7	2	1	1	21	15	6
Stanly.....	31	26	5	2	1	1	29	25	4
Stokes.....	5	5	-----	-----	-----	-----	5	5	-----
Surry.....	25	23	2	2	2	-----	23	21	2
Swain.....	2	1	1	-----	-----	-----	2	1	1
Transylvania.....	5	4	1	-----	-----	-----	5	4	1
Union.....	9	5	4	-----	-----	-----	9	5	4
Vance.....	14	7	7	-----	-----	-----	14	7	7
Wake.....	60	34	26	4	2	2	56	32	24
Warren.....	8	-----	8	2	-----	2	6	-----	6
Washington.....	18	3	15	3	-----	3	15	3	12
Watauga.....	3	3	-----	-----	-----	-----	3	3	-----
Wayne.....	40	20	20	6	3	3	34	17	17
Wilkes.....	14	11	3	1	-----	1	13	11	2
Wilson.....	36	17	19	1	-----	1	35	17	18
Yadkin.....	2	2	-----	-----	-----	-----	2	2	-----
Yancey.....	13	13	-----	-----	-----	-----	13	13	-----



## TUBERCULOSIS—Continued

## Pulmonary

Primary Active		Reinfection											
White	Non-white	Active						Inactive				Other	
		Minimal		Moderately Advanced		Far Advanced		Moderately Advanced		Far Advanced			
		White	Non-white	White	Non-white	White	Non-white	White	Non-white	White	Non-white	White	Non-white
		1	2	1	2	8	5	5	22	4	-----	1	1
1	2	3	-----	14	5	6	5	1	1	-----	-----	1	1
-----	-----	4	1	11	5	5	3	6	-----	-----	-----	1	-----
-----	1	1	1	3	1	2	1	2	-----	-----	-----	-----	-----
1	1	1	-----	1	1	3	6	-----	-----	-----	-----	1	-----
-----	-----	5	-----	3	1	2	5	4	-----	1	-----	-----	-----
-----	-----	4	1	11	-----	3	2	5	1	-----	-----	2	-----
-----	-----	-----	-----	2	-----	3	-----	-----	-----	-----	-----	-----	-----
-----	-----	1	-----	8	-----	6	1	4	-----	-----	1	2	-----
-----	-----	1	-----	-----	1	-----	-----	-----	-----	-----	-----	-----	-----
-----	-----	-----	-----	1	-----	2	1	-----	-----	-----	-----	1	-----
-----	1	1	-----	-----	-----	2	3	2	-----	-----	-----	-----	-----
2	-----	-----	1	4	4	1	2	-----	-----	-----	-----	-----	-----
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
9	5	2	1	8	9	9	7	4	-----	-----	-----	-----	2
-----	-----	-----	-----	-----	2	-----	4	-----	-----	-----	-----	-----	-----
-----	3	-----	1	2	1	-----	4	-----	1	-----	-----	1	2
-----	-----	1	-----	2	-----	-----	-----	-----	-----	-----	-----	-----	-----
-----	-----	3	1	8	1	5	13	-----	1	1	-----	-----	1
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
-----	1	1	1	4	1	5	-----	1	-----	-----	-----	-----	-----
-----	-----	3	2	4	4	1	5	8	3	1	-----	-----	3
-----	-----	-----	-----	2	-----	-----	-----	-----	-----	-----	-----	-----	-----
-----	-----	1	-----	5	-----	6	-----	1	-----	-----	-----	-----	-----











UNIVERSITY OF N. C. AT CHAPEL HILL



00017472058

This **BOOK** may be kept out **TWO WEEKS ONLY**, and is subject to a fine of **FIVE CENTS** a day thereafter. It is **DUE** on the **DAY** indicated below:

FEB 20 '57 .		
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